

I claim:

Sub a1

1. A putter for use by a golfer in playing golf, including elements comprising:
a shaft having a first end and a second end;
a substantially massive head of greater than about 16 ounces, fixed to said first end; and,
a handle fixed to said second end;
said handle comprising:
an upper portion having an upper hand grip for being gripped by the first hand of said golfer; and,
a lower portion having a lower hand grip spaced from said upper hand grip for being gripped by the second hand of said golfer;
wherein the angle between said shaft and said head is less than about 90° and more than about 45° and said elements are designed, dimensioned, sized and weighted sufficient for providing a sweet spot of said substantially massive head and for enabling said golfer to putt a golf ball by pivoting said putter substantially only at a point located at about said upper hand grip from an otherwise conventional crouched stance.

2. The putter of claim 1, wherein said handle further comprises a counterweight positioned in said handle substantially near said upper hand grip sufficient to provide said putter with a center of gravity located on the shaft a distance of about 6 to about 18 inches above the head.

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3. The putter of claim 1, wherein said elements are further designed, dimensioned, sized and weighted sufficient for enabling said golfer to putt said golf ball by causing said lower hand grip to pass through an arc defined in part by a point about midway between the crotch and a knee of said golfer while said putter is pivoted at substantially only at said point.

3. The putter of claim 2, wherein said striking head comprises a material selected from the group consisting of iron, steel, nickel, lead, brass, bronze, and combinations thereof.

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5. The putter of claim 4, wherein said striking head weighs from about 16 ounces to about 80 ounces.

5. The putter of claim 5, wherein said striking head weighs from about 24 ounces to about 36 ounces.

6. The putter of claim 6, wherein said handle comprises a material selected from the group consisting of: iron, steel, titanium, nickel, lead, aluminum, brass, bronze, carbon fiber composite, fiberglass, and combinations thereof.

7. The putter of claim 7, wherein said handle is from about 14 inches to about 24 inches in length and said upper hand grip is proximately positioned at one end of said handle and said lower hand grip is proximately positioned at the other end of said handle.

1 ~~14~~ 6. The putter of claim 1, wherein the length of the putter is adjustable.

1 ~~8~~ ~~10~~ 2. The putter of claim ~~3~~ ², wherein each said grip is constructed of a material selected
2 from the group consisting of: leather, plastic, rubber, metal, wood, and combinations thereof.

1 ~~9~~ ~~11~~ 2. The putter of claim ~~3~~ ², wherein each said grip is from about 3 inches to about 8
2 inches in length.

1 ~~10~~ ~~12~~ 9. The putter of claim ~~11~~ ⁹, wherein each said grip is about 7 inches in length.

1 ~~11~~ ~~13~~ 2. The putter of claim ~~3~~ ², wherein said shaft is constructed of a material selected
2 from the group consisting of: iron, steel, titanium, lead, nickel, aluminum, brass, bronze,
3 carbon fiber composite, fiberglass, and combinations thereof.

1 ~~12~~ ~~14~~ 2. The putter of claim ~~3~~ ², wherein said putter is from about 29 inches to about 52
2 inches in length.

1 ~~13~~ ~~15~~ 12. The putter of claim ~~14~~ ¹², wherein said shaft of said putter is from about 15 inches
2 to about 18 inches in length.

1 ~~15~~ ~~16~~ 15. The golf putter of claim 1, wherein the length of the putter is adjustable,
2 comprising:

3 a first portion of said putter selected from a portion of a member of the group
4 consisting of the shaft and the handle,

5 a longitudinal rod extending from said putter first portion;

6 a second portion of said putter selected from a portion of a member of the group
7 consisting of the shaft and the handle;

8 the longitudinal rod being inserted into said putter second portion, said rod
9 being longitudinally movable, and being rotatable about the rod longitudinal axis;

10 the longitudinal rod having a transverse first hole in its sidewalls and a transverse
11 second hole in its sidewalls, the first hole being a first distance from said putter first portion and
12 said second hole being a second distance from said putter first portion;

13 a housing, a locking pin and a spring, said housing attached to an inner wall of
14 said putter second portion, said housing containing said spring and at least a portion of said
15 locking pin, said spring biasing said locking pin towards said rod, said pin contacting said rod;

16 said holes of said rod having a diameter greater than that of said locking pin.

1 ~~16~~ 17. The golf putter of claim ~~15~~ 16, wherein the rod first hole is longitudinally aligned
2 with the rod second hole.

1 ~~17~~ 18. The golf putter of claim ~~16~~ 17, wherein said rod defines a longitudinal groove which
2 is located parallel to the longitudinal alignment of the first hole and second hole.

18/19. The golf putter of claim 16, wherein the first portion of said putter is a first one of said handle portions and the second portion of said putter is a second one of said handle portions.

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20. A method using the putter of claim 1 to putt a golf ball, comprising:
causing said golfer to grasp said upper hand grip and said lower hand grip;
causing said golfer to assume a substantial conventional crouched stance,
wherein both feet of said golfer are on the same side of the line of travel of said golf ball after said golf ball has been putted;
causing said golfer to swing said putter in a stroke defined by a substantially stationary point at about said upper grip positioned at about the navel of said golfer;
a lower hand of said golfer during said stroke forming an arc passing through a point about midway between the crotch and knees of said golfer; and,
causing said golfer to strike said golf ball at about the sweet spot of said head of said putter.

21. A golf putter for use by a golfer in playing golf, including elements comprising:
a shaft having a first end and a second end; said shaft being constructed of a material selected from the group consisting of: iron, steel, titanium, lead, nickel, aluminum, brass, bronze, carbon fiber composite, fiberglass, and combinations thereof;

5 a substantially massive head weighing from about 16 ounces to about 80 ounces
6 and constructed of a material selected from the group consisting of iron, steel, lead nickel,
7 brass, bronze, and combinations thereof, fixed to said first end;

8 a handle fixed to said second end; said handle further comprising an upper hand
9 grip for being gripped by the first hand of said golfer; a lower hand grip substantially
10 dimensionally spaced from said upper hand grip for being gripped by the second hand of said
11 golfer; and, a counterweight positioned in said handle substantially near said upper hand grip
12 sufficient to provide said putter with a conventional center of gravity; said handle being from
13 about 14 inches to about 24 inches in length and being constructed of a material selected from
14 the group consisting of: iron, steel, titanium, lead, nickel, aluminum, brass, bronze, carbon fiber
15 composite; fiberglass, and combinations thereof; and, said upper hand grip is proximately
16 positioned at one end of said handle and said lower hand grip is proximately positioned at the
17 other end of said handle; wherein each said grip is from about 3 inches to about 8 inches in
18 length and constructed of a material selected from the group consisting of: leather, plastic,
19 rubber, metal, wood, and combinations thereof; and

20 wherein the angle between said shaft and said head is less than about 90° and
21 more than about 45° and said elements are designed, dimensioned, sized and weighted
22 sufficient for providing a sweet spot of said substantially heavy head and for enabling said
23 golfer to putt a golf ball by pivoting said putter substantially only at a point located at about
24 said upper hand grip from an otherwise conventional crouched stance.

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22. The golf putter of claim 21, wherein the elements are designed, dimensioned, sized and weighted sufficient for maximizing the sweet spot.

23. The golf putter of claim 21, wherein the length the putter is adjustable.

24. The golf putter of claim 21, wherein the length of the putter is adjustable, comprising:

- a first portion of said putter selected from a portion of a member of the group consisting of the shaft and the handle,
- a longitudinal rod extending from said putter first portion;
- a second portion of said putter selected from a portion of a member of the group consisting of the shaft and the handle;
- the longitudinal rod being inserted into said putter second portion, said rod being longitudinally movable, and being rotatable, about the rod longitudinal axis;
- the longitudinal rod having a transverse first hole in its sidewalls and a transverse second hole in its sidewalls, the first hole being a first distance from said putter first portion and said second hole being a second distance from said putter first portion;
- a housing, a locking pin and a spring, said housing attached to an inner wall of said putter second portion, said housing containing said spring and at least a portion of said locking pin, said spring biasing said locking pin towards said rod, said pin contacting said rod;
- said holes of said rod having a diameter greater than that of said locking pin.

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29. A golf putter, comprising a handle, a shaft and a head, wherein the length of the putter is adjustable, comprising:

a first portion of said putter selected from a portion of a member of the group consisting of the shaft and the handle,

a longitudinal rod extending from said putter first portion;

a second portion of said putter selected from a portion of a member of the group consisting of the shaft and the handle;

the longitudinal rod being inserted into said putter second portion, said rod being longitudinally movable, and being rotatable, about the rod longitudinal axis;

the longitudinal rod having a transverse first hole in its sidewalls and a transverse second hole in its sidewalls, the first hole being a first distance from said putter first portion and said second hole being a second distance from said putter first portion;

a housing, a locking pin and a spring, said housing attached to an inner wall of said putter second portion, said housing containing said spring and at least a portion of said locking pin, said spring biasing said locking pin towards said rod, said pin contacting said rod;

said holes of said rod having a diameter greater than that of said locking pin.

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30. The golf putter of claim 29, wherein the rod first hole is longitudinally aligned with the rod second hole.

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31. The golf putter of claim 30, wherein said rod defines a longitudinal groove which is located parallel to the longitudinal alignment of the first hole and second hole.

1 ~~31~~ ²⁸ 32. The golf putter of claim ~~29~~, wherein the first portion of said putter is a first one
2 of said handle portions and the second portion of said putter is a second one of said hand
3 portions.

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